

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

H/B
2/29/00
CN

In re Application of)
Peter Francis LEADLAY et al.) Examiner: Not Yet Assigned
)
Application No.: 09/214,453) Group Art Unit: Not Yet Assigned
)
Filed: January 5, 1999)
)
For: POLYKETIDES AND THEIR)
SYNTHESIS)

SECOND PRELIMINARY AMENDMENT

Please amend the following claim:

~~AT B1~~ Claim 1, line 2, delete "a first nucleic acid portion or portions" and insert
- at least one first nucleic acid portion -;

Please add the following new claims:

~~Sub E1A~~ 24. A hybrid PKS gene according to claim 2 wherein said at least one first
nucleic acid portion encodes a loading module together with the ketosynthase ("KS") domain
(only) of the homologous extender module.

~~Sub I1~~ 25. A hybrid PKS gene according to claim 2 wherein said loading module is
capable of loading a substrate to produce a starter unit different from a starter unit normally
associated with said at least one extension module.

~~Sub E50~~ 26. A hybrid PKS gene according to claim 2 wherein said loading module is
capable of loading any of a multiplicity of different starter units.

~~Sub E50~~ 27. A hybrid PKS gene according to claim 26 wherein said loading module
is an avr loading module.